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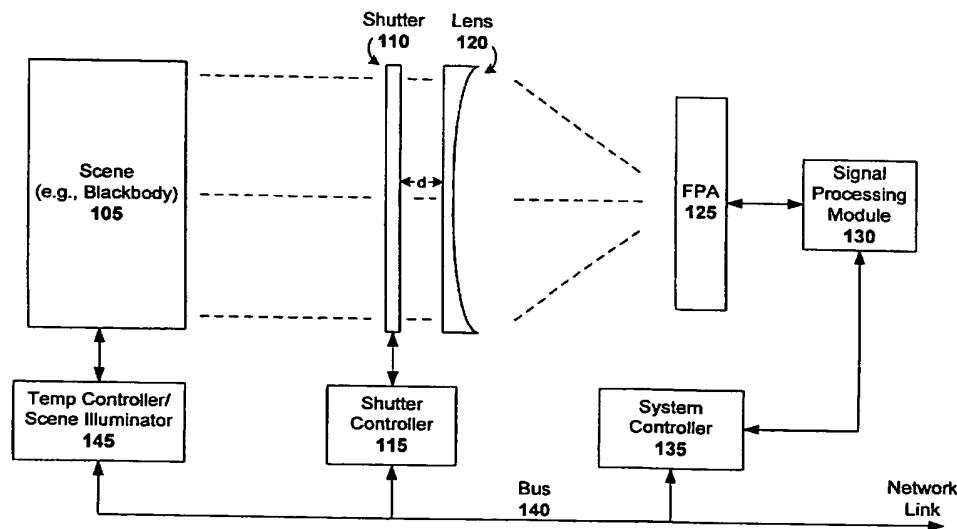
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(54) Title: FRONT LENS SHUTTER MOUNT FOR UNIFORMITY CORRECTION



(57) Abstract: An imaging system comprising a lens, a detector array (e.g., focal plane array), a signal processing module and a shutter, wherein the shutter is positioned in front of the lens (between the lens and the scene being imaged). This front lens shutter mount configuration allows offset correction to compensate for internal radiant flux and other deficiencies associated with conventional systems.

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US CL : 348/207.99, 241, 370, 374, 375

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 348/207.99, 207.1, 211.99, 241, 243, 370, 373, 374, 375

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6,061,092 A (BAKHLE et al.) 09 May 2000 (09.05.2000), Column 3, lines 63 - 67; Column 4, lines 12 - 25; Column 5, lines 23 - 42; Column 7, lines 14 - 27.	10 - 13
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Y		1-9, 14-20
Y	US 5,517,243 A (KUDO et al.) 14 May 1996 (14.05.1996), Column 4, lines 52 - 63; Column 5, lines 57 - 65; Column 6, lines 13 - 63.	1 - 9, 15 - 20
Y	US 5,739,847 A (TRANCHITA et al.) 14 April 1998 (14.04.1998), Column 2, lines 31 - 42.	6, 14, 19
A	US 6,208,393 B1 (BAWOLEK et al.) 27 March 2001 (27.03.2001), see entire document.	1-20

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

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"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
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